

Attorney Docket No: 20.2884

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

APPARATUS AND METHODS FOR REDUCING BOREHOLE CURRENT EFFECTS

| the specification of which | | | | |
|--|--|--------------------------------------|--|-----------------------|
| [] is attached hereto. | | | | |
| [X] was filed on August 5, 2003. | | | | |
| as Application Serial Number 10 | /604,622 | | | |
| or PCT International Application | Number | | | |
| and was amended on (if applical | ble) | | | |
| I hereby state that I have reviewed a including the claims, as amended by | | | bove-identified spe | cification, |
| I acknowledge the duty to disclose in accordance with Title 37, Code of Fe | | | kamination of this a | pplication in |
| I hereby claim foreign priority benefit application(s) for patent or inventor's designated at least one country other identified below any foreign application application having a filing date before | certificate, or 365(a) of an than the United States of on for patent or inventor's | y PCT int America, certificate | ernational applicat listed below and ha or of any PCT inte | ion which ave also |
| Prior Foreign Application(s) Priority Claimed | | | | |
| VEC [] NO | / | 1 | 1 | [] |
| YES [] NO (Number) (Country) | D/ | M/ | YR FILED | |
| VEO 11110 | _ / | / | 1 | [] |
| YES [] NO (Number) (Country) | D/ | M/ | YR FILED | |
| | _ / | / | 1 | . [] |
| YES [] NO (Number) (Country) | D/ | M/ | YR FILED | |

| Application No. | Filing Date |
|--|---|
| Application No. | Filing Date |
| application(s), or 365(c) of any PCT interstited below and, insofar as the subject method the prior United States or PCT internation Title 35, United States Code, Section 112 material to patentability as defined in Title | United States Code, Section 120 of any United States national application designating the United States of America, atter of each of the claims of this application is not disclosed in all application in the manner provided by the first paragraph of 2, I acknowledge the duty to disclose information which is 237, Code of Federal Regulations, Section 1.56 which occurred ation and the national or PCT international filing date of this |

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States

As a named inventor, I hereby appoint the following attorney(s) and/or agents(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: John J. Ryberg, #31,134; Brigitte L. Jeffery, #38,925; Victor H. Segura, #44,329; J. L. (Jennie) Salazar, #45,065; and Kevin P. McEnaney, #46,258. I hereby request that all correspondence, notices, official letters and other communication be directed to Schlumberger Technology Corporation, ATTN: IP Counsel, P. O. BOX 2175, Houston, Texas 77252-2175; and that all telephone calls be directed to: Brigitte L. Jeffery, at (281) 285-7067, Schlumberger Oilfield Services, P. O. BOX 2175, Houston, Texas 77252-2175. Our Customer Service No. is 23718.

Status-patented, pending,

Status-patented, pending,

abandoned

abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SOLE OR FIRST INVENTOR

Application

Serial No.

Application

Serial No.

Full Name: Kuo-Chiang Chen

Residence: 17518 Hollyberry Lane, Sugar Land, TX 77479 USA

Citizenship: Republic of China (Taiwan)

Filing

Date

Filing

Date

Mailing Address: 17518 Hollyberry Lane, Sugar Land, TX 77479 USA

SECOND INVENTOR

Signature/ Date 5/74/03

Full Name: Robert C. Smith

Residence: 3319 Magnolia Trail, Houston TX 77084 USA

Citizenship: USA

Mailing Address: 3319 Magnolia Trail, Houston TX 77084 USA

THIRD INVENTOR

Signature Lay (1. Haym Date 1 Hug 05

Full Name: Gary A. Hazen

Residence: 7811 Westwind, Houston, TX 77071 USA

Citizenship: USA

Mailing Address: 7811 Westwind, Houston, TX 77071 USA

FOURTH INVENTOR

Signature Date 3/4/03

Full Name: Charles Kibbe

Residence: 310 Kirk Street, New Iberia, LA 70563 USA

Citizenship: USA

Mailing Address: 310 Kirk Street, New Iberia, LA 70563 USA

FIFTH INVENTOR

Signature Ruhal a Lather Date 7-Aug-2003

Full Name:

Richard A. Rosthal

Residence:

14735 Kellywood Lane, Houston TX 77079 USA

Citizenship:

USA

Mailing Address:

14735 Kellywood Lane, Houston TX 77079 USA

SIXTH INVENTOR

Signature___

Thomas D. Barber

Residence:

Full Name:

6324 Westchester, Houston, TX 77005 USA

Citizenship:

USA

Mailing Address:

6324 Westchester, Houston, TX 77005 USA

SEVENTH INVENTOR

Signature _

Dale Dale

Full Name:

Stephen D. Bonner

Residence:

3522 Amphora Court, Sugar Land, TX 77479 USA

Citizenship:

USA

Mailing Address:

3522 Amphora Court, Sugar Land, TX 77479 USA

EIGHTH INVENTOR

Signature Date 6/7/2003

Full Name: David T. Oliver

Residence: 1247 Moss Dale Drive, Sugar Land, TX 77479 USA

Citizenship: USA

Mailing Address: 1247 Moss Dale Drive, Sugar Land, TX 77479 USA